

### Abstract of the Disclosure

5 A unitary polymer substrate having a plurality of microfibers projecting from a surface is provided. The presence of the microfibers greatly increases the surface area and can impart a cloth-like feel to the surface. The projecting microfibers may have a variety of forms, including frayed-end microfibers, tapered microfibers, microfibers having an expanded cross-sectional shape, and microfibers having a very high aspect ratio. A number of methods of producing unitary polymer structures with a plurality of projecting microfibers are also provided.

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